



Attorney's Docket No. 33477/201570

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Pugh et al.  
Appl. No.: 09/601,028  
Filed: September 18, 2000  
For: SYNTHETIC BIOMATERIAL COMPOUND

Confirmation No.: 4345  
Group Art Unit: 1616  
Examiner: Robert M. DeWitty

July 9, 2002

Commissioner for Patents  
Washington, DC 20231

AMENDMENT

Sir:

In response to the Office Action mailed February 12, 2002, please amend the above-identified application as follows:

In The Claims:

Please amend the claims as follows:

B<sup>1</sup> 1. A biomaterial composition comprising:  
a bioresorbable biomaterial compound comprising calcium, oxygen and phosphorous, wherein a portion of at least one of said elements is substituted with an element having an ionic radius of approximately 0.1 to 0.6Å; and  
a pharmaceutical agent.

Please cancel Claims 2-37.

Please add the following new Claims 53-57:

B<sup>2</sup> 2 53. The composition as claimed in Claim 1, wherein said biomaterial composition acts as a slow release vehicle for said pharmaceutical agent.

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